

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

DPM
5336-1

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME SANDOZ COLORS & CHEMICALS		EMERGENCY TELEPHONE NO. (201) 386-8147
ADDRESS (Number, Street, City, State, and ZIP Code) Route 10, E. Hanover, NJ 07936		
CHEMICAL NAME AND SYNONYMS Dyestuff	TRADE NAME AND SYNONYMS ALUMINUM FAST BLACK OA	
CHEMICAL FAMILY --	FORMULA Proprietary	

SECTION II - HAZARDOUS INGREDIENTS - NONE

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES ^a			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
NONE					

SECTION III - PHYSICAL DATA NA=Not applicable

BOILING POINT (°F.)	NA	SPECIFIC GRAVITY (H ₂ O=1)	NA
VAPOR PRESSURE (mm Hg.)	NA	PERCENT VOLATILE BY VOLUME (%)	NA
VAPOR DENSITY (AIR=1)	NA	EVAPORATION RATE (_____ *1)	NA
SOLUBILITY IN WATER	Soluble		
APPEARANCE AND ODOR	Black powder, mild odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) NA	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA Water, foam, dry chemicals, CO₂			
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS Dust may be explosive if mixed with air. Maintain normal good housekeeping for control of dust.			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	Not established
EFFECTS OF OVEREXPOSURE	None known
EMERGENCY AND FIRST AID PROCEDURES	Flush eyes with plenty of water. Get medical attention.
	Wash skin with soap and water. If ingested get medical attention.

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	None
INCOMPATIBILITY (Materials to avoid)			
Strong oxidizing agents			
HAZARDOUS DECOMPOSITION PRODUCTS			
Thermal decomposition may produce carbon monoxide and/or carbon dioxide.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	None

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Sweep up and place in a waste disposal container.	
WASTE DISPOSAL METHOD	
1) Incinerate in compliance with regulations.	
2) Bury in approved landfill in compliance with regulations.	

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type)			
Dust mask or NIOSH approved respirator if extreme dusty conditions prevail.			
VENTILATION	LOCAL EXHAUST	SPECIAL	None
	MECHANICAL (General)	OTHER	None
PROTECTIVE GLOVES		EYE PROTECTION	
Recommended		Safety goggles	
OTHER PROTECTIVE EQUIPMENT			
None			

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
None	
OTHER PRECAUTIONS	
None	